



TIKKURILA

TEHO MODERN

SEMI-GLOSS PAINT FOR WOODEN HOUSES

DESCRIPTION

Semi-gloss acrylate-reinforced alkyd paint for wooden houses.

RECOMMENDED USES

Cladding, trim, rails, fences, flagpoles

PRODUCT FEATURES

Exterior waterborne paint based on acrylate-reinforced alkyd with excellent weather protection. For untreated, factory primed or previously oil-painted wooden surfaces.



The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

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TECHNICAL DATA	
Base paints	A BASE, C BASE
Colour Shades	Color cards: Facade 760 colour collection, Wooden facades 2018 Can be tinted in Tikkurila exterior colors
Gloss	Semi-gloss.
Coverage	Sawn wood surfaces 6–8 m ² /l. Planed wood surfaces 9–10 m ² /l.
Can sizes	A BASE: 0.9 l, 2.7 l, 9 l, 18 l C BASE: 0.9 l, 2.7 l, 9 l, 18 l
Thinner	Water
Application method	Spray or brush. Airless spray -nozzle 0.018"-0.023", i.e. 0.460-0.580 mm. -thinning 0-10% by volume
Drying time	Touch dry after 1–2 hours and recoatable after 2–4 hours. Drying time greatly depends on the relative humidity, temperature and wind.
Density (kg/l)	1,14 kg/liter
Volume solids (%)	38
VOC	EU VOC limit value (cat A/d) 130g/l(2010). Teho Modern contains/ VOC max. 130g/l.
Storage	Protect from frost. Badly closed or short cans endure badly long-time storage. Close can carefully for next use.

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APPLICATION INSTRUCTIONS

Application conditions

The surface to be painted must be dry, the temperature of the air at least +5°C and the relative humidity below 80% during painting and drying. Time the painting so that the paint film has enough time to dry before the evening dew because the condensing moisture causes dimming of the fresh painted surface.

Surface preparation

Unpainted surfaces:

Clean the untreated wood surface of any dirt, mold and loose material. Wash dirty or moldy surfaces with Tikkurila Homeenpoisto Mold Removal solution according to the instructions. Prime the surface at the earliest possible stage of construction with Tikkurila priming oil. Protect any metal parts prone to rust, such as nail heads, with Rostex Super Akva metal primer. Remove loose resin from knots.

Surface painted previously with oil paint:

Use a scraper to remove any loose paint and gray wood from the surface and brush the surface clean with a wire brush. Wash any dirty and moldy surfaces with Tikkurila Homeenpoisto solution according to instructions. Treat any bare wood surfaces with Tikkurila priming oil.

Painting

To achieve a uniform tone for the surface, mix a sufficient amount of paint in a single container. Stir the paint well before use. Apply by brush or spraying. Use a brush after spraying for best end result. Prime with Teho Primer or with Teho Modern. Finish with Teho Modern. Treat the end grains of the wood with particular care.

Wood contains resin and other staining extracts, particularly around knots, which can cause discoloration or bleeding in the painted surface due to variations in temperature and humidity.

Cleaning of tools

Clean tools with water or Tikkurila Pensselipesu (Tool Cleaner).

Maintenance instructions

Handle the painted surface with care as the product achieves its final hardness and durability in about four weeks under normal conditions. If a surface needs cleaning soon after treatment, use a soft brush, a damp cleaning cloth or a mop.

After one month from painting, a dirty surface can be cleaned with Huoltipesu (mix 1 part of Huoltipesu with 10 parts of water). Clean stains and very dirty surfaces with a stronger solution of Huoltipesu and water (1:1). After washing, rinse the surfaces and allow to dry.

Maintenance treatment

Teho Modern can be maintenance painted with Teho Modern or other acrylate house paints. Teho Modern can't be maintenance painted with alkyd oil, oil or linseed oil paints.

Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations.

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Health and Safety

Harmful to aquatic life with long lasting effects. Avoid release to the environment. Contains 1,2-benzisothiazol-3(2H)-one (BIT), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)) and 3-iodo-2-propynyl butylcarbamate (IPBC). May produce an allergic reaction. This product contains a biocidal product for the preservation of the product during storage. Contains BIT, C(M)IT/MIT. (3:1). This product contains a biocidal product for the preservation of the dry film. Contains IPBC. Wear protective gloves. If ventilation during spray-application is inadequate, use respirators with combination filter AP, gas/dust filter (EN405:2001).

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